## WHAT IS CLAIMED IS:

- 1. A method of splicing a conveyor belt having vulcanized rubber with steel strands embedded in the vulcanized rubber, comprising the steps of:
  - (A) exposing a plurality of strands at two belt ends; and
- (B) applying a vulcanizable rubber composition to the exposed strands to form a spliced joint between the two belt ends, said vulcanizable rubber composition comprising 100 parts by weight of rubber, said rubber comprising from about 1 to about 40 parts by weight of polyoctenamer.

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2. The method of claim 1, wherein said vulcanizable rubber composition further comprises at least one additional rubber selected from the group consisting of polychloroprene, poly-epichlorohydrin, polyisobutylene, halogenated-polyisobutylene, natural rubber, polyisoprene, polybutadiene, styrene-butadiene, and blends thereof.

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3. The method of claim 1, wherein said vulcanizable rubber composition further comprises at least one additional rubber selected from styrene-butadiene rubber and natural rubber.

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- 4. The method of claim 1, wherein said vulcanizable rubber composition comprises from about 5 to about 30 parts by weight of polyoctenamer.
- 5. The method of claim 1, wherein said step of applying a vulcanizable rubber composition to said strands comprises the steps of:

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(A) providing two arrays of unvulcanized strips of said vulcanizable rubber composition, each strip of rubber having a preformed cross-sectional profiles, one array of strips being an array of bottom strips having a plurality of substantially parallel strand receiving grooves located on a first side or a second side of the strips, the other array of strips being an array of top strips;

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- (B) placing the exposed strands of the belt ends being joined in the grooves of the one array of bottoms strip;
  - (C) placing the array of top strips overlying the array of bottom strips; and

- (D) vulcanizing the strips together and to strands thereby forming the spliced joint.
- 6. The method of claim 1, wherein part of said vulcanized rubber remains on the exposed strands.
  - 7. The method of claim 1, wherein said vulcanizable rubber composition further comprises from about 20 to about 10 to about 250 parts by weight of a filler selected from carbon black and silica.

8. The method of claim 1, wherein said splice joint has a dynamic adhesion rating of at least 50,000 cycles, based on AS-1333, Appendix K.

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- 9. The method of claim 1, wherein said splice joint has a dynamic adhesion rating of at least 75,000 cycles, based on AS-1333, Appendix K.
  - 10. The method of claim 1, wherein said splice joint has a dynamic adhesion rating of at least 100,000 cycles, based on AS-1333, Appendix K.
- 20 11. A conveyor belt having at least one spliced joint comprising a vulcanizable rubber composition comprising 100 parts by weight of rubber, said rubber comprising from about 1 to about 40 parts by weight of polyoctenamer.
- 12. The conveyor belt of claim 11, wherein said vulcanizable rubber composition further comprises at least one additional rubber selected from the group consisting of polychloroprene, poly-epichlorohydrin, polyisobutylene, halogenated-polyisobutylene, natural rubber, polyisoprene, polybutadiene, styrene-butadiene, and blends thereof.
- 30 13. The conveyor belt of claim 11, wherein said vulcanizable rubber composition further comprises at least one additional rubber selected from styrene-butadiene rubber and natural rubber.

- 14. The conveyor belt of claim 11, wherein said vulcanizable rubber composition comprises from about 5 to about 30 parts by weight of polyoctenamer.
- 15. The conveyor belt of claim 11, wherein said splice joint has a dynamic adhesion rating of at least 50,000 cycles, based on AS-1333, Appendix K.
  - 16. The conveyor belt of claim 11, wherein said splice joint has a dynamic adhesion rating of at least 75,000 cycles, based on AS-1333, Appendix K.
- 17. The conveyor belt of claim 11, wherein said splice joint has a dynamic adhesion rating of at least 100,000 cycles, based on AS-1333, Appendix K.